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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,467	01/27/2004	Tetsuro Motoyama	245417US-2	1147
22850 7590 11/05/2007 OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			EXAMINER CLOUD, JOIYA M	
			ART UNIT 2144	PAPER NUMBER
			NOTIFICATION DATE 11/05/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdoCKET@oblon.com
oblonpat@oblon.com
jgardner@oblon.com

Office Action Summary

Application No.

10/764,467

Applicant(s)

MOTOYAMA ET AL.

Examiner

Joiya M. Cloud

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2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01/27/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119


- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date See Continuation Sheet.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :04/26/2004, 11/09/2004, 03/18/2005, 10/26/2005, 12/21/2005, 05/01/2006, 06/27/2006, 12/01/2006, 09/07/2007.



WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

1. This action is responsive to the application filed on January 27, 2004. Claims 1-16 represent Method and system for determining the type of status information to extract from networked devices in a multi-protocol remote monitoring system.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-16** are rejected under 35 U.S.C. 102(b) as being anticipated by Anderson et al. (US Publication No 2002/0091815 A1, Anderson).

As per claim 1, Anderson teaches a method of determining which types of status information to extract from a monitored device communicatively coupled to a network, comprising: selecting a communication protocol among a plurality of communication protocols used to extract status information from the device (**paragraphs [0042],[0073], and [0077], where the protocol selected is SNMP**); retrieving, from a first memory, a protocol object

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associated with the selected communication protocol, wherein the protocol object includes at least a type of status information, a weight of the status information, and information for extracting the type of status information from the device using the selected communication protocol (**wherein status information and weight/priority levels of the status information is included, paragraphs [0044], [0062] and [0063]**); determining if the type of status information is present in a second memory, wherein the second memory comprises status information previously extracted from the device (**paragraphs [0062]-[0063] and**); if the determining step determines that the type of status information is present in the second memory, checking whether the weight of the status information stored in the protocol object is greater than a corresponding weight associated with the status information of the same type stored in the second memory (**paragraphs [0062]-[0063]**); if (1) the determining step determines that the type of status information is not present in the second memory (**paragraph [0063]**), or (2) if the determining step determines that the type of status information is present in the second memory, but the checking step determines that the weight of the status information is greater than the corresponding weight associated with the status information of the same type stored in the second memory (**paragraph [0063]**), accessing the device using the selected communication protocol and the information for extracting the device contained in the protocol object to obtain the status information (**paragraph [0036]**).

As per claim 2, Anderson teaches a method further comprising repeating the determining, checking, and accessing steps for each type of status information contained in the protocol object (**paragraph [0063], lines 6-9**).

As per claim 3, Anderson teaches a method further comprising repeating the selecting, retrieving, determining, checking, and accessing steps for each protocol of the plurality of communication protocols ([**paragraph [0063], lines 6-9**]).

As per claim 4, Anderson teaches a method wherein the determining step comprises: determining if the type of status information is present in a status information map in the second memory, the status information map having at least one entry, wherein each entry includes a status information type, a status information value, and a status information weight (**paragraph [0007], [0042] and [0049]**).

As per claim 5, Anderson teaches a method wherein the selecting step comprises: selecting a communication protocol among SNMP, HTTP, and FTP (**paragraphs [0006] and [0007]**).

As per claim 6, Anderson teaches a method wherein the weight of the status information indicates a relative informative value of the status information with respect to status information of a same type extracted using another of the plurality of communication protocols (**paragraphs [0077] and [0084]**).

As per claim 7, claim 7 is substantially the same as claim 1, but in system form rather than method form. Therefore, the rejection for claim 1 applies equally as well to claim 7.

As per claims 8-10, claims 8-10 are substantially the same as claim 4-6, but in system form rather than method form. Therefore, the rejection for claim 4-6 applies equally as well to claim 8-10.

As per claims 11-16, claims 11-16 are substantially the same as claim 1-6, but in computer program product form rather than method form. Therefore, the rejection for claim 1-6 applies equally as well to claim 11-16.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joiya Cloud whose telephone number is 571-270-1146. The examiner can normally be reached Monday to Friday from on 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Vaughn can be reached on 571-272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-3922. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JMC

William C. Vaughn

Supervisory Patent Examiner

October 17, 2007